

## Course Evaluations Results

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### Spring - 2019: BST282 - Introduction to Computational Biology and Bioinformatics




**Liu, Shirley**

**Students Enrolled:** 26





**Students Responded:** 19

**Response Rate:** 73.1 %

*Overall Course Ratings* (1 being "poor" and 5 being "superior")

	Responded	Rating	
Please rate the overall quality and usefulness of the course content.	19	4.8/5	
Please rate the overall quality and effectiveness of teaching in the course.	19	4.6/5	
Please provide an overall course rating.	18	4.6/5	

*Course Design and Quality* (1 being "strongly disagree" and 5 being "strongly agree")

	Responded	Rating	
The course met the learning objectives stated in the syllabus.	19	4.8/5	
The course was presented in an appropriate format for the subject matter.	19	4.7/5	
The syllabus was clear, organized, and complete.	19	4.8/5	
The skills and knowledge from the course will be useful in my professional life.	19	4.7/5	

**Was the course content duplicative or complementary to the content of other HSPH courses you have taken?**

Duplicative	0.0%
Complementary	0.0%
No Response	100.0%

**If there was duplicative or complementary course content, please identify the courses where this occurred.**

**Submitted on May 17, 2019 at 06:14:24 PM:**

N/A

**Submitted on May 18, 2019 at 07:20:26 PM:**

similar to bst281

**Submitted on May 19, 2019 at 11:01:38 AM:**

Some of BST281

Submitted on May 20, 2019 at 02:07:04 PM:

BST281

**On average, how many hours per week outside of class did you dedicate to this course?**

< 2 hours	0.0%
2 - 3 hour	0.0%
4 - 6 hours	10.5%
7 - 12 hours	36.8%
> 12 hours	47.4%
No Response	5.3%

**Did the instructor promote a classroom culture in which you felt comfortable expressing differences in experiences and/or opinions?**

Yes	94.7%
No	0.0%
No Response	5.3%

**Please explain:**

Submitted on May 17, 2019 at 06:14:24 PM:

N/A

Submitted on May 19, 2019 at 03:08:55 PM:

Always communicate with us

**In this course, do you believe there were any verbal or nonverbal slights/insults (whether intentional or unintentional) that negatively targeted a particular identity group?****(An "identity group" would include, but not be limited to: age, disability status, gender, immigration status, linguistic background, nationality, political views, race/ethnicity, religious beliefs, sexual orientation, socioeconomic class.)**

Yes	0.0%
No	89.5%
Don't know	5.3%
No Response	5.3%

**Using the following prompts, please briefly describe your experiences in this class with any instance(s) that negatively targeted identity group. (1) What happened? (2) How did the faculty member handle it? and (3) What advice would you give the instructor how to handle in the future?**

No comments submitted for this question.

**Identify two or three aspects of the course that you think were most effective.**

Submitted on May 13, 2019 at 03:25:28 PM:

I think the information in this class was very important and very helpful

Submitted on May 16, 2019 at 01:03:03 AM:

The course is a very comprehensive introduction to Computational Biology and Bioinformatics. The lectures went through almost all the basic tools/ideas that could be useful in area and it would be super useful for those who would pursue further education or do research in this area.

Submitted on May 17, 2019 at 06:14:24 PM:

Learning bioinformatics tools, labs

Submitted on May 19, 2019 at 11:01:38 AM:

The homeworks are long but good for learning

**Submitted on May 19, 2019 at 03:08:55 PM:**

Videos, slides, extra links for knowledge, hw

### Identify two or three aspects of the course that could be improved or enhanced.

**Submitted on May 13, 2019 at 03:25:28 PM:**

Even though I learned a lot during this class, I felt that the assignments were very long and they would take so much time and effort for me to finish them.

**Submitted on May 16, 2019 at 01:03:03 AM:**

The whole course is pretty condensed. The instructor is very experienced and very good in this area. I would say if we could have this course be split into two semesters and we go deeper for each topics. I would understand those topics better in this way.

**Submitted on May 17, 2019 at 06:14:24 PM:**

class lecture could be improved and homework questions could be better worded

**Submitted on May 19, 2019 at 11:01:38 AM:**







I felt like there should have been a "big picture" summary of everything -- much of the knowledge on methods, etc still feels very fragmented to me.

**Submitted on May 19, 2019 at 03:08:55 PM:**

hw Can be organized better

### Faculty/Instructors (1 being "strongly disagree" and 5 being "strongly agree")

#### 1. Liu, Shirley (Primary)

	Responded	Rating	
Set high expectations.	19	5.0/5	
Effectively managed the class discussion.	19	4.8/5	
Was responsive to students' concerns.	17	5.0/5	
Was accessible to students outside of class.	15	4.9/5	
Provided quality feedback on your assignments and performance.	16	4.8/5	
The teaching in this course facilitated learning.	19	4.8/5	

### Identify two or three things that the instructor did well and should continue in the future.

**Submitted on May 13, 2019 at 03:25:28 PM:**

The instructor is always read to answer any question

**Submitted on May 16, 2019 at 01:03:03 AM:**

Shirley is a great teacher and great professor who is very experienced in this area.

**Submitted on May 17, 2019 at 06:14:24 PM:**

Posting youtube videos online, posting class lecture videos

**Submitted on May 18, 2019 at 07:20:26 PM:**

fantastic lecture material and extra resources

**Submitted on May 19, 2019 at 11:01:38 AM:**

Great lecture recordings

**Submitted on May 19, 2019 at 03:08:55 PM:**

Videos, slides, extra links for knowledge, hw

### Identify two or three things that the instructor should focus on to improve her/his classroom effectiveness.

**Submitted on May 13, 2019 at 03:25:28 PM:**

none

**Submitted on May 17, 2019 at 06:14:24 PM:**

more clear explanations of the complex algorithms and better preparation for the problem sets

**Submitted on May 18, 2019 at 07:20:26 PM:**

sometimes difficult to understand

**Submitted on May 19, 2019 at 11:01:38 AM:**

Organize the content better, and provide more high level summaries. The end of module questions were really helpful, and would be great to provide more of that content -- like experimental design portion.

Submitted on May 19, 2019 at 03:08:55 PM:

Can give us more examples

*Guest Speakers* (1 being "strongly disagree" and 5 being "strongly agree")

	Responded	Rating	
The guest speakers (if any) were relevant to the course.	16	4.6/5	
Guest speaker (if any) effectiveness in the classroom.	16	4.4/5	

*Teaching Assistants* (1 being "poor" and 5 being "superior")**1. Shi, Andy**

	Responded	Rating	
Please rate the overall effectiveness of the teaching assistant.	19	4.9/5	

**In what ways was the teaching assistant most effective? Why?**

Submitted on May 13, 2019 at 03:25:28 PM:

Andy was amazing. His lab sessions were always very helpful and useful

Submitted on May 19, 2019 at 03:08:55 PM:

Many interactions with us

Submitted on May 17, 2019 at 06:14:24 PM:

Very good at explaining concepts in office hours

**What recommendations would you make to the teaching assistant to strengthen teaching practices or to make the course more valuable?**

Submitted on May 13, 2019 at 03:25:28 PM:

none

Submitted on May 19, 2019 at 03:08:55 PM:

hw can be organized better

Submitted on May 17, 2019 at 06:14:24 PM:

Perhaps in the lab, write out more clear explanations of concepts

**2. Tang, Yushi**

	Responded	Rating	
Please rate the overall effectiveness of the teaching assistant.	19	4.9/5	

**In what ways was the teaching assistant most effective? Why?**

Submitted on May 13, 2019 at 03:25:28 PM:

Great lab sessions and great office hours. Always so helpful and ready to answer questions and provide help.

Submitted on May 18, 2019 at 07:20:26 PM:

so kind, so helpful, 10/10 TA! THANK YOU YUSHI

Submitted on May 19, 2019 at 11:01:38 AM:

So nice and friendly!!

Submitted on May 19, 2019 at 03:08:55 PM:

Labs are good

Submitted on May 16, 2019 at 01:03:03 AM:

Yushi is a great TA, very patient and very good in this area.

Submitted on May 17, 2019 at 06:14:24 PM:

Very helpful at giving base code for difficult assignment problems to work through

**What recommendations would you make to the teaching assistant to strengthen teaching practices or to make the course more valuable?**

**Submitted on May 13, 2019 at 03:25:28 PM:**

None

**Submitted on May 19, 2019 at 03:08:55 PM:**

Good enough now

**Submitted on May 17, 2019 at 06:14:24 PM:**

Perhaps more clear explanations in lab

## Course Recommendations

**What would you like to tell a future student about this course? (Please note that your response to this question will be posted on school's website.)**

**Submitted on May 13, 2019 at 03:25:28 PM:**

It is a very hard course and requires a lot of time and dedication

**Submitted on May 17, 2019 at 06:14:24 PM:**

This course exposes you to many bioinformatics and computational biology tools that are helpful for real-world analysis. The problem sets are quite challenging, and the final exam is very difficult.

**Submitted on May 19, 2019 at 03:08:55 PM:**

hw is a bit time-consuming, but it does worth

**Would you recommend this course to another student?**

Definitely would	<b>47.4%</b>
Probably would	<b>47.4%</b>
Probably would not	<b>0.0%</b>
No Response	<b>5.3%</b>

## Student Background

**Was this course required for your degree?**

Yes	<b>89.5%</b>
No	<b>5.3%</b>
No Response	<b>5.3%</b>

**Did you have formal training in the content area prior to taking this course?**

None	<b>26.3%</b>
Some	<b>63.2%</b>
Considerable	<b>5.3%</b>
No Response	<b>5.3%</b>

**Did you have work experience related to the content area of this course prior to taking this course?**

None	<b>52.6%</b>
< 2 years	<b>42.1%</b>

2 - 5 years	<b>0.0%</b>
> 5 years	<b>0.0%</b>
No Response	<b>5.3%</b>

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